

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

Figure 1

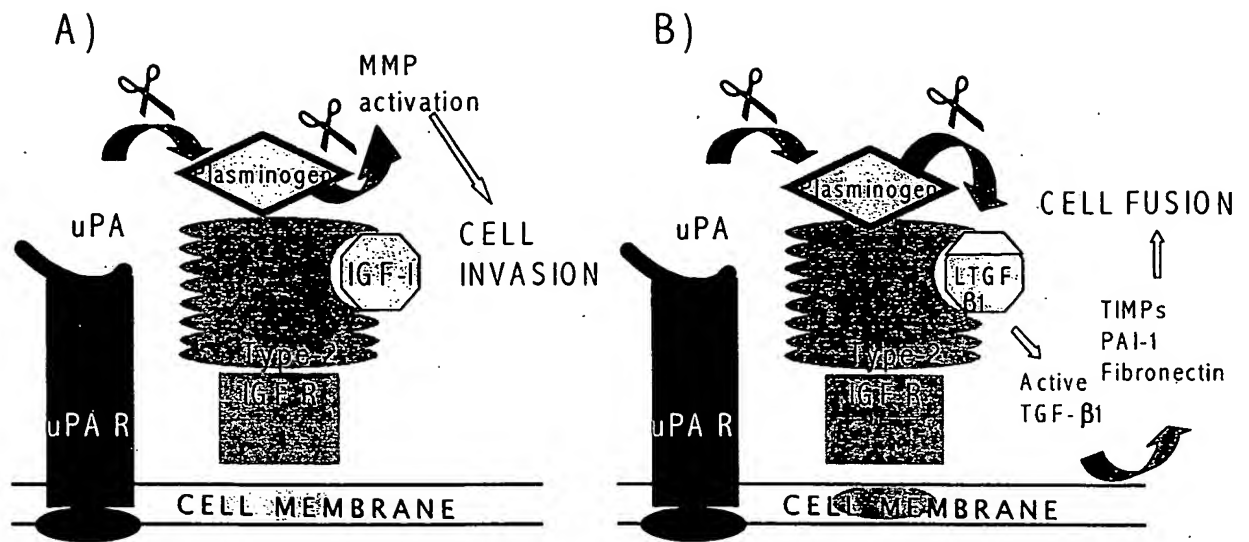


Figure 2

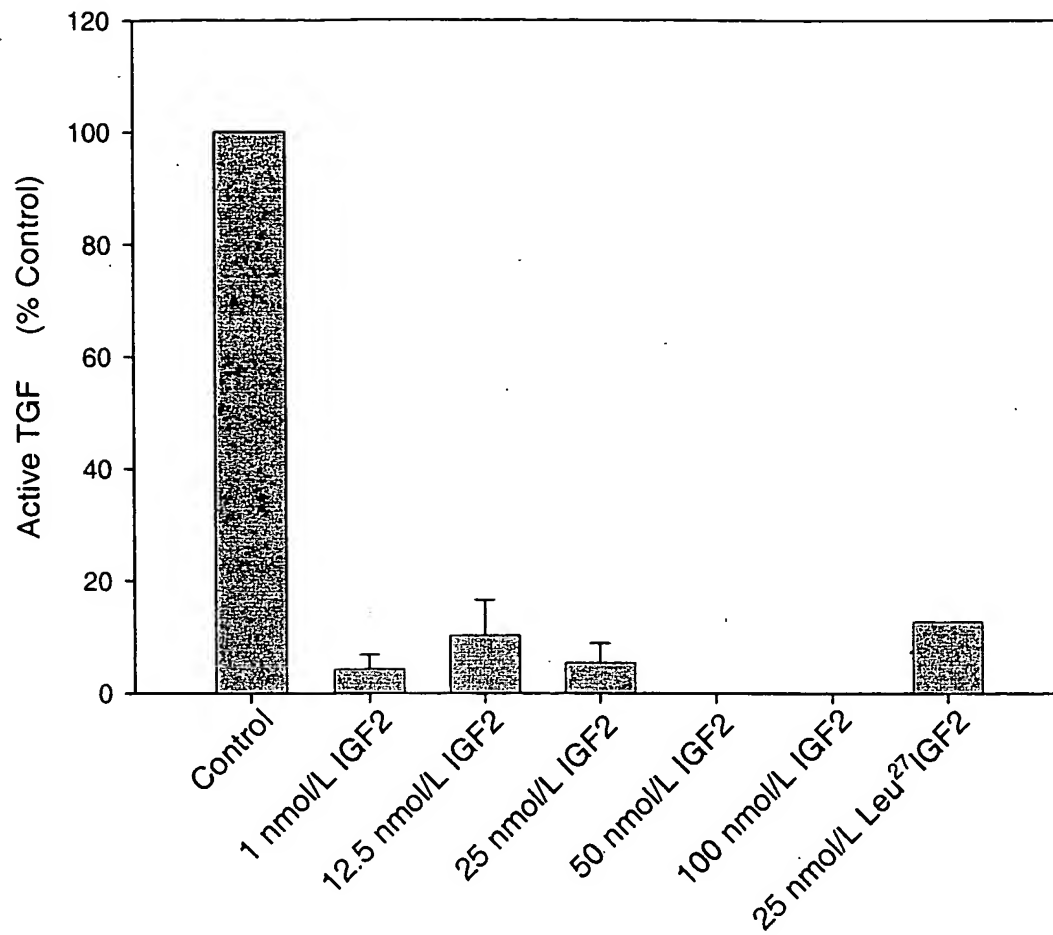


Figure 3

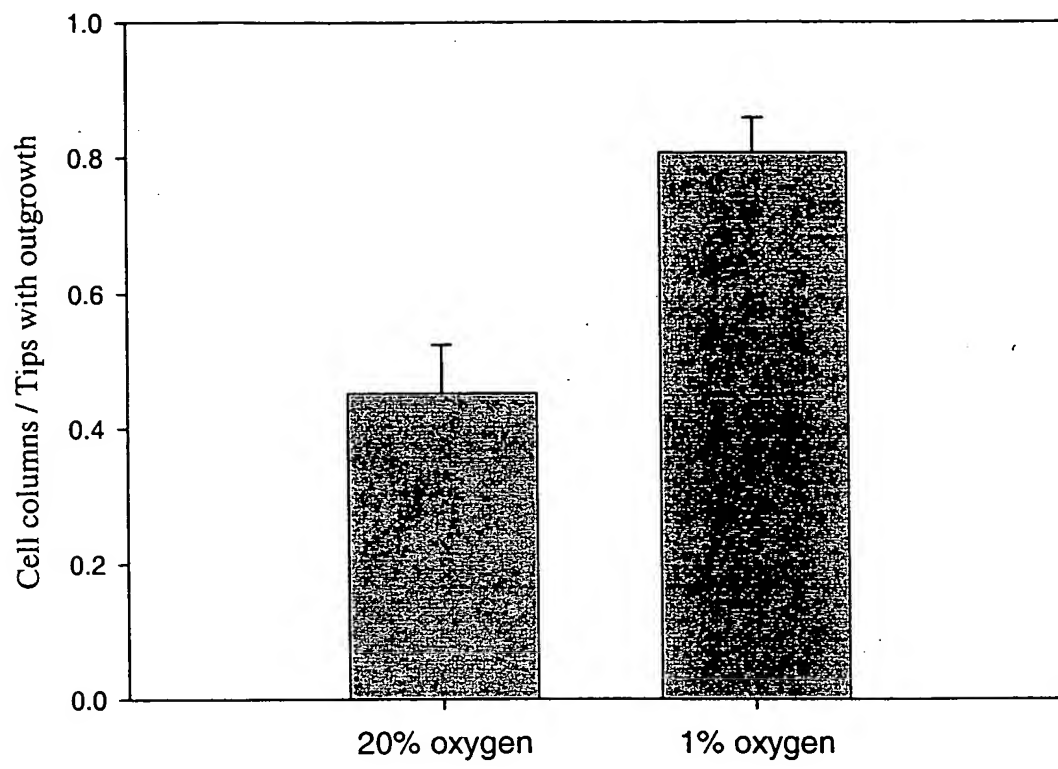


Figure 4

Denotes significantly different from control ($p < 0.05$).

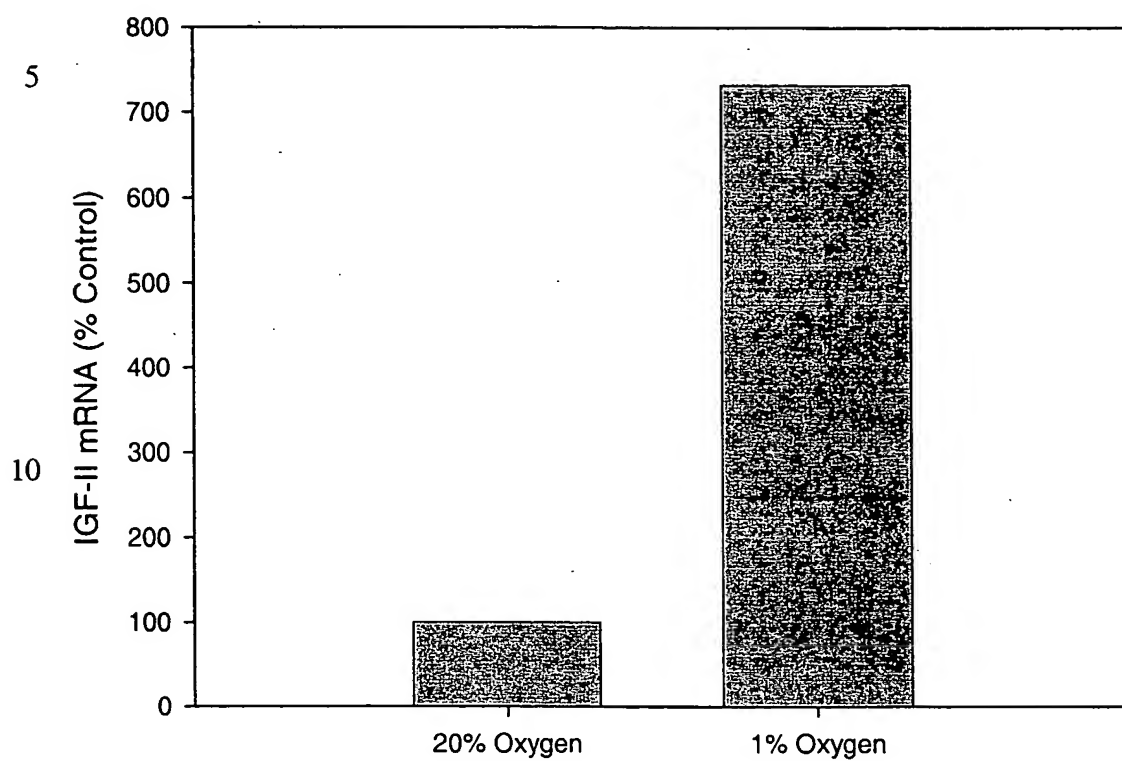
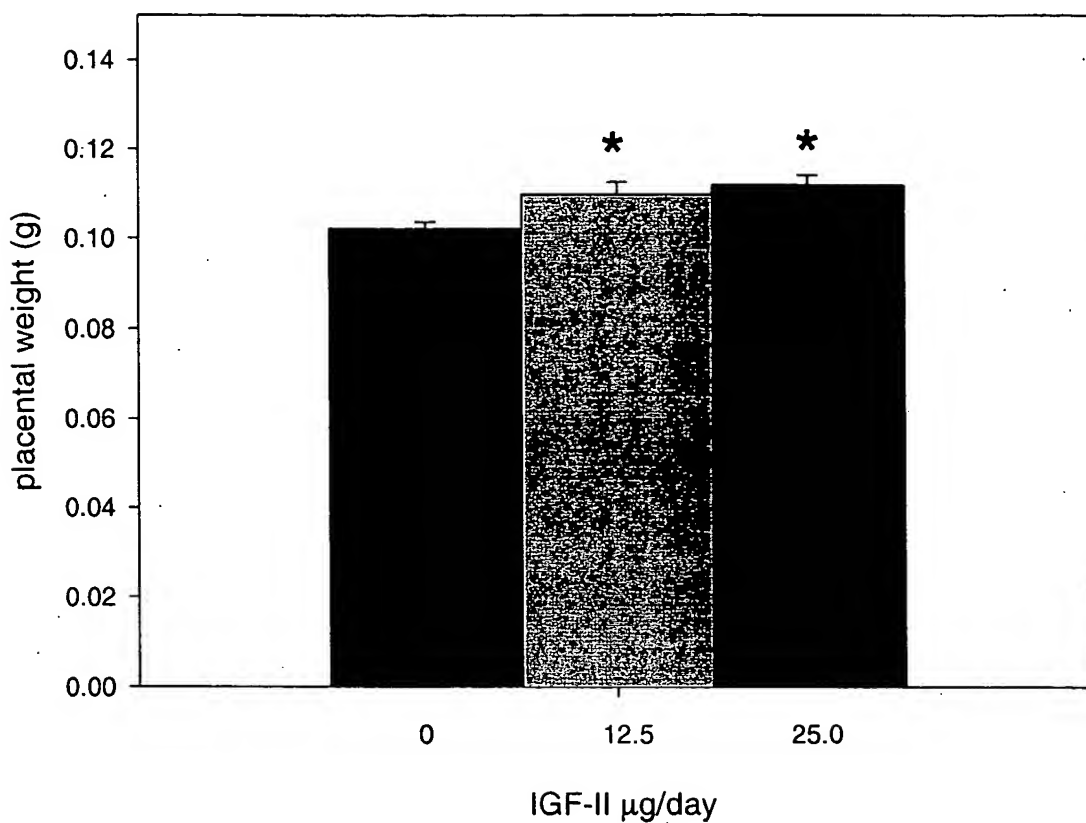


Figure 5



*Denotes significantly different from control ($p < 0.05$).

Figure 6

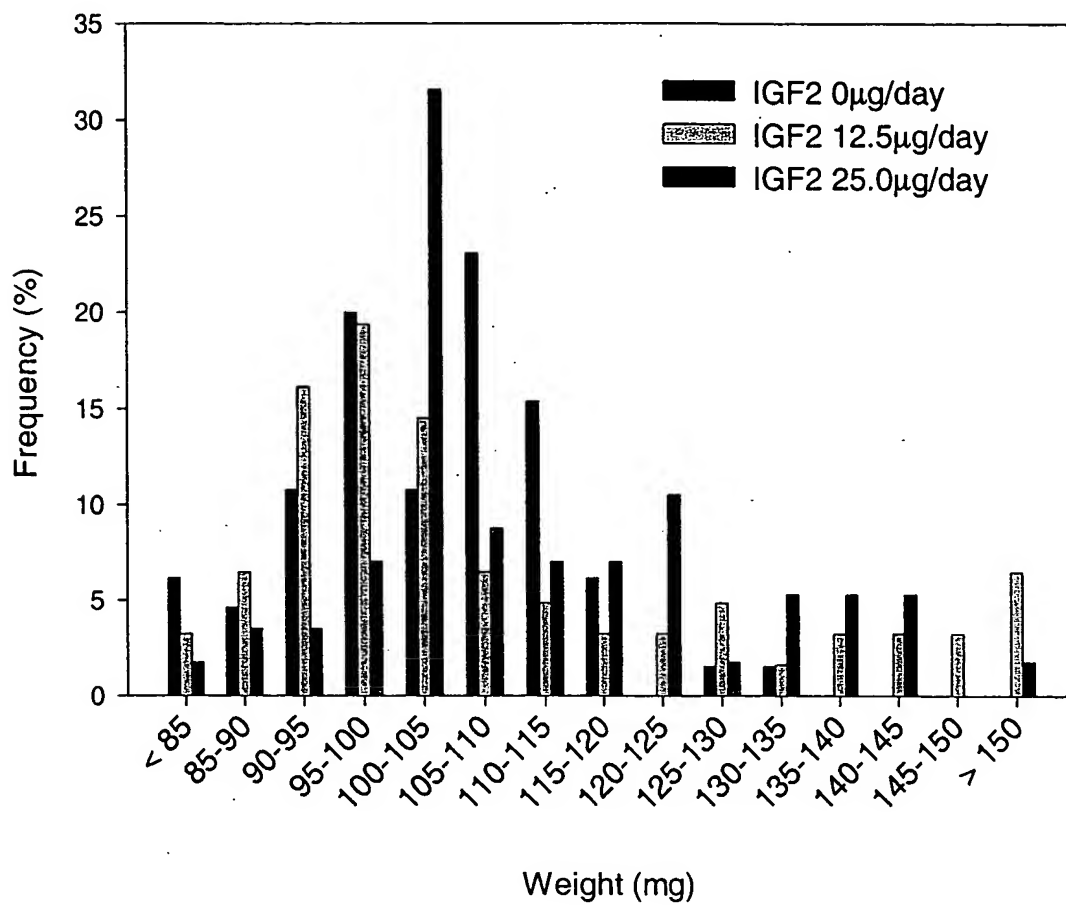
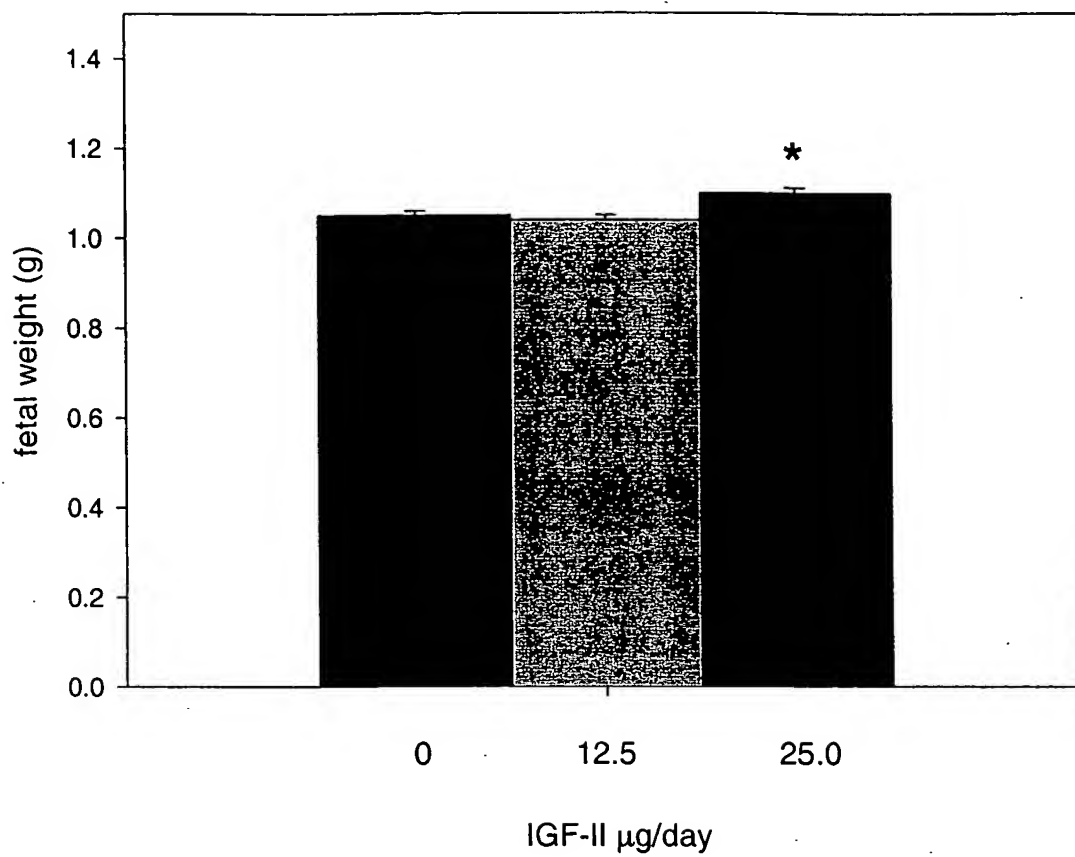


Figure 7



*Denotes significantly different from control $p < 0.05$

Figure 8

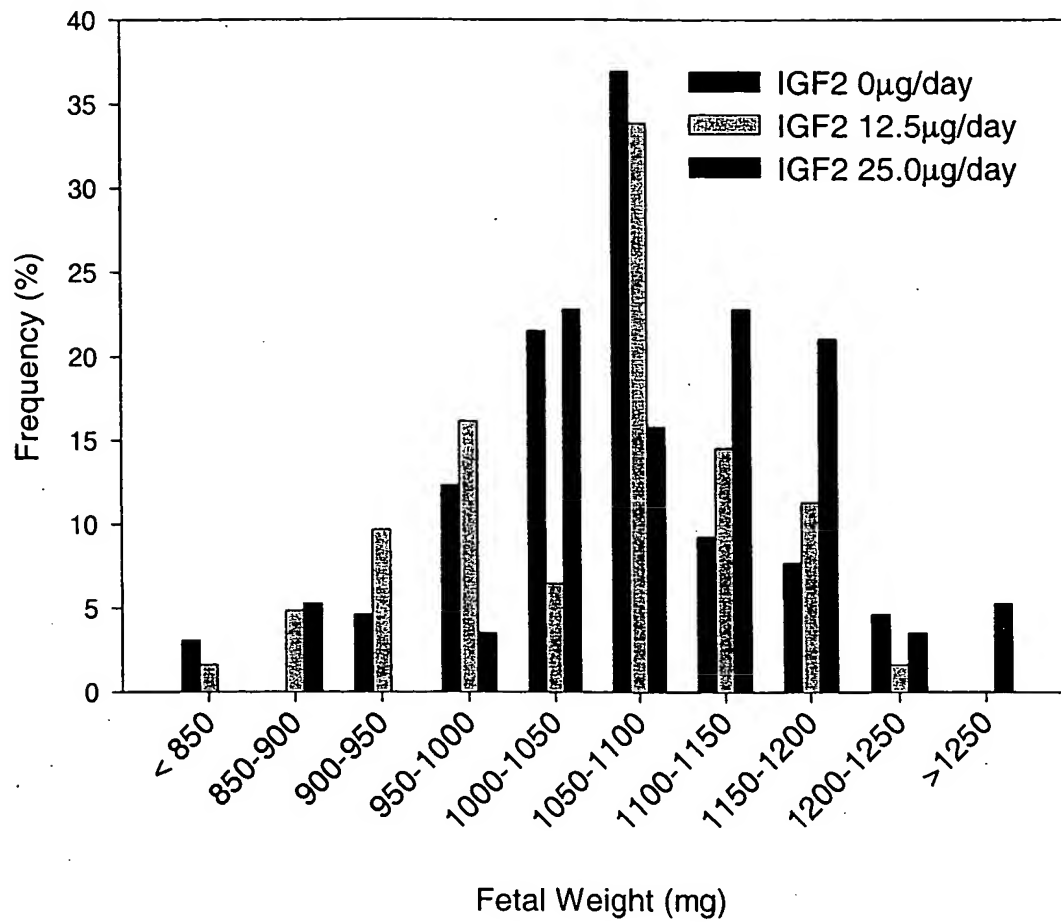
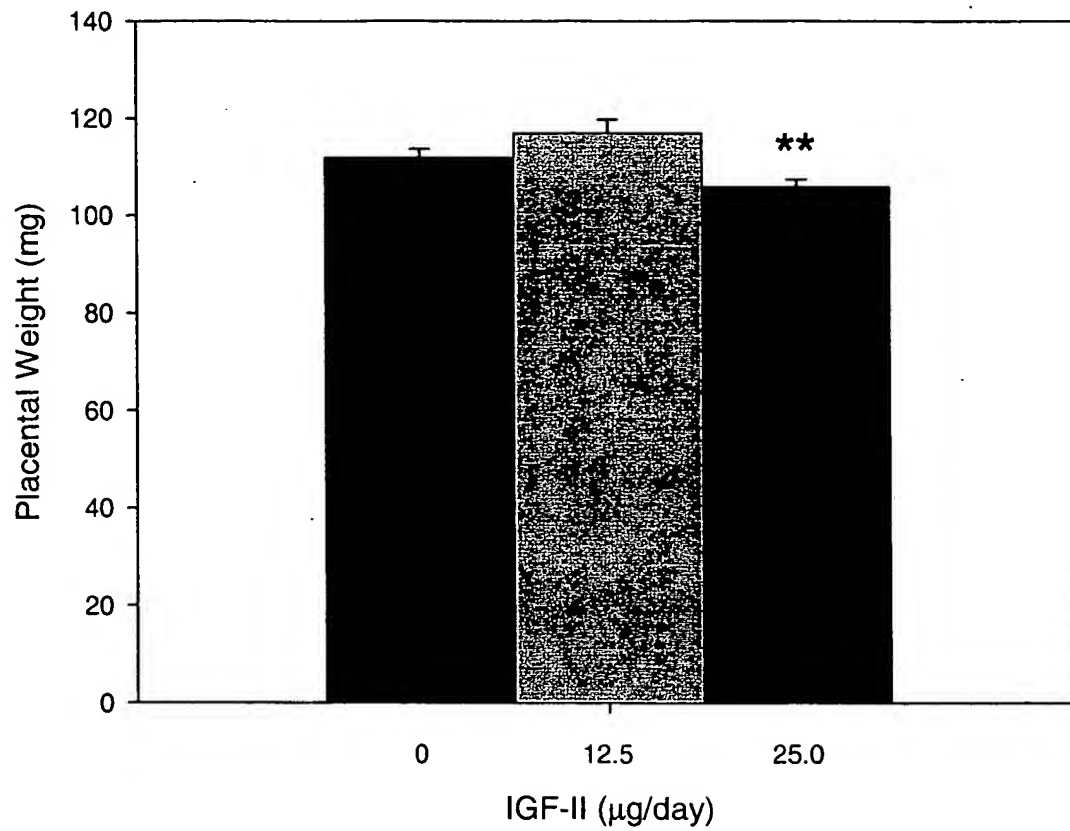
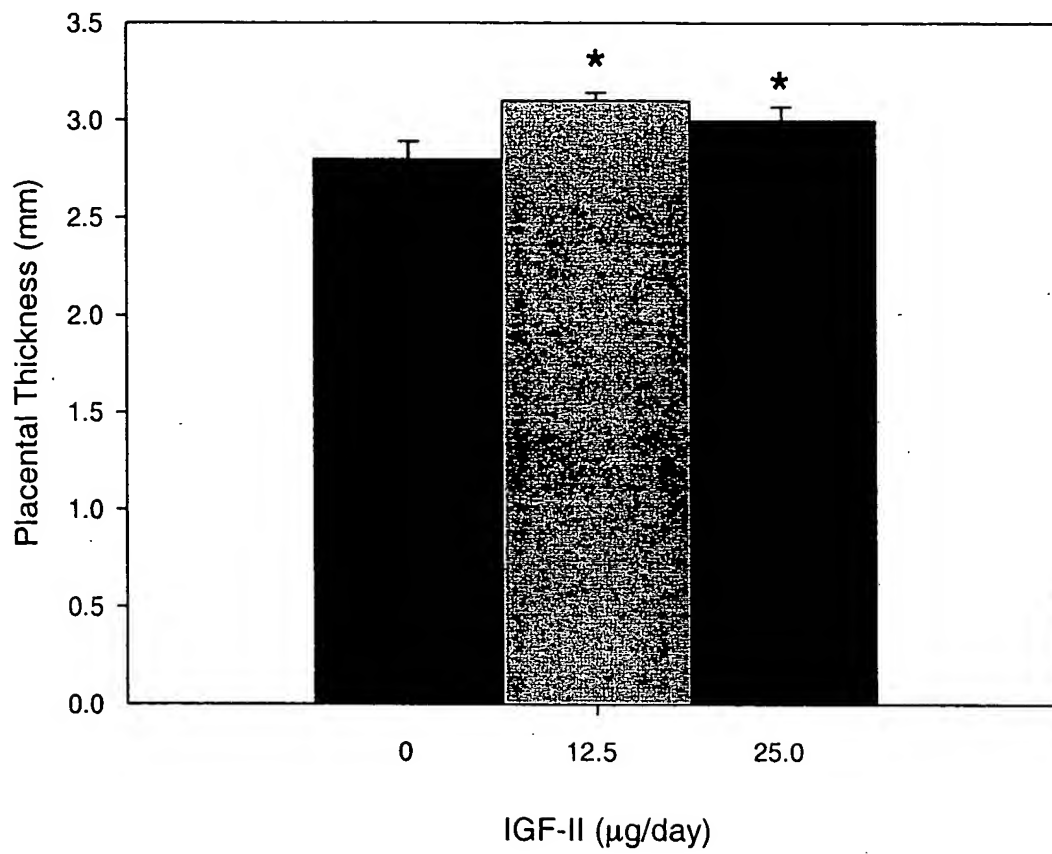


Figure 9



**Denotes significantly different from control (p=0.001).

Figure 10



*Denotes significantly different from control (p=0.026).

Figure 11

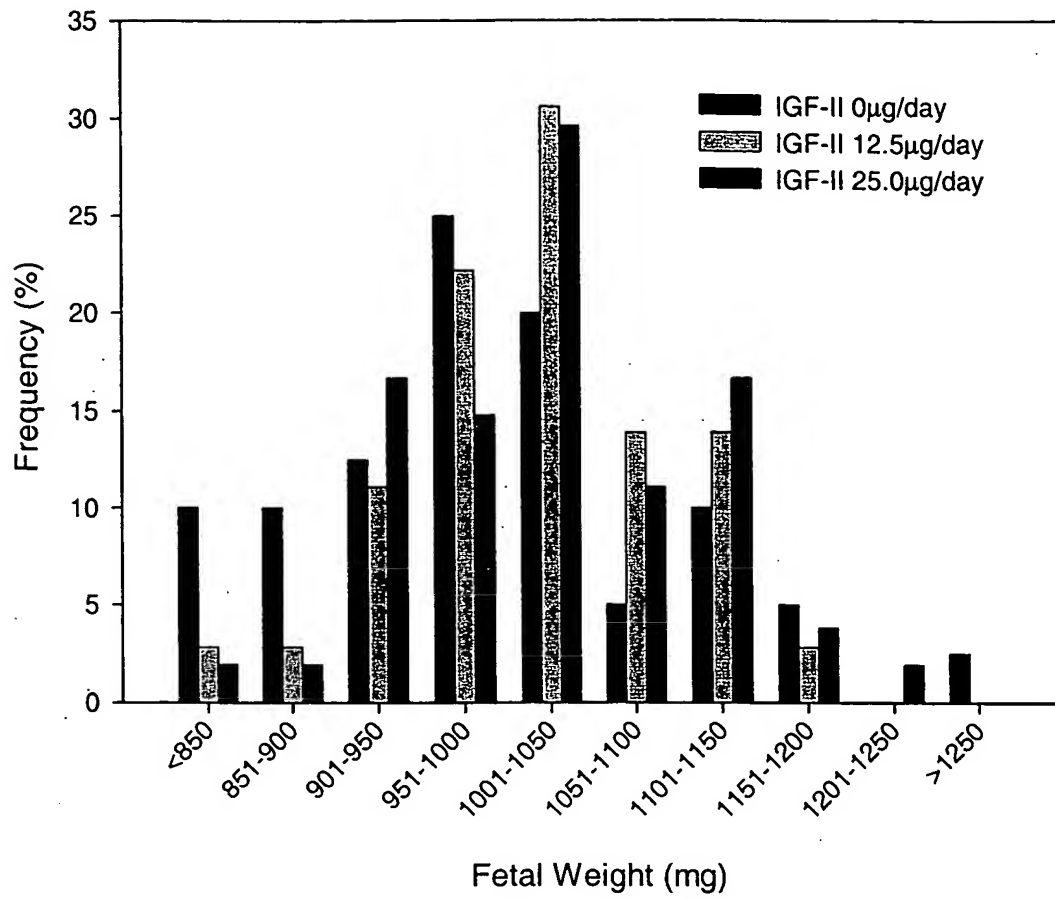


Figure 12 Note this figure has been replaced due to error in legend

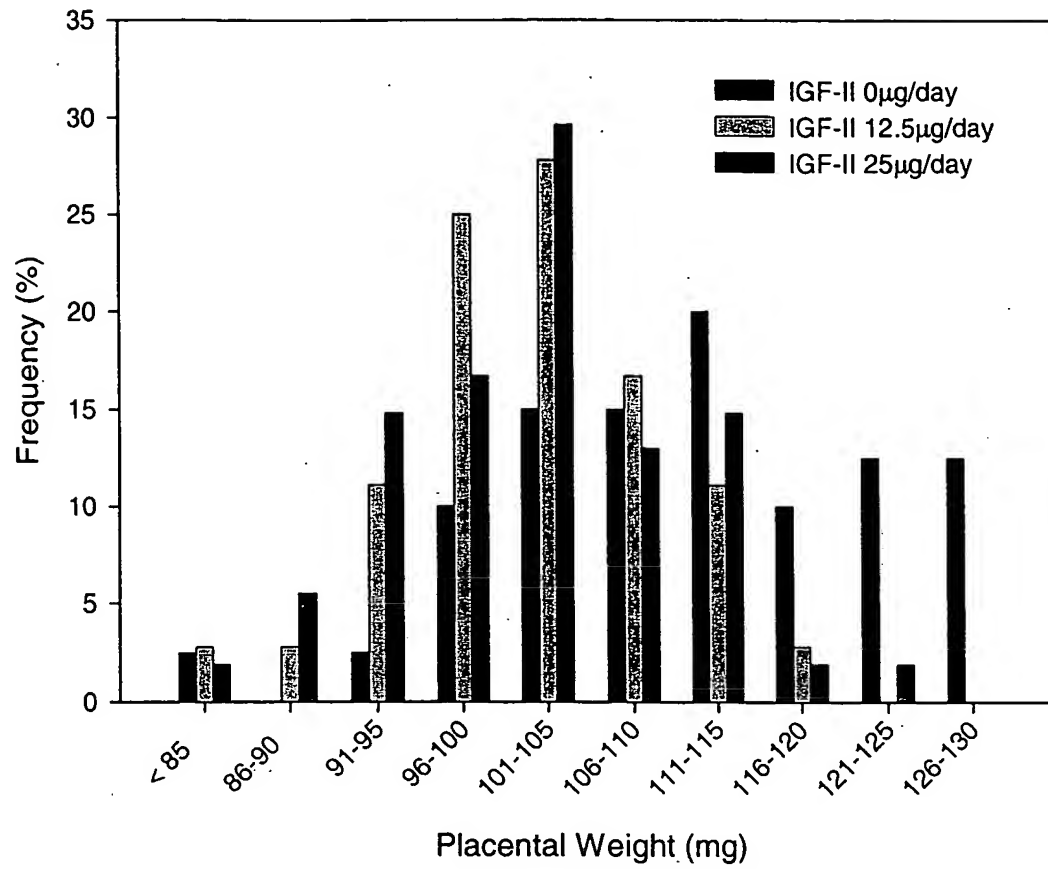
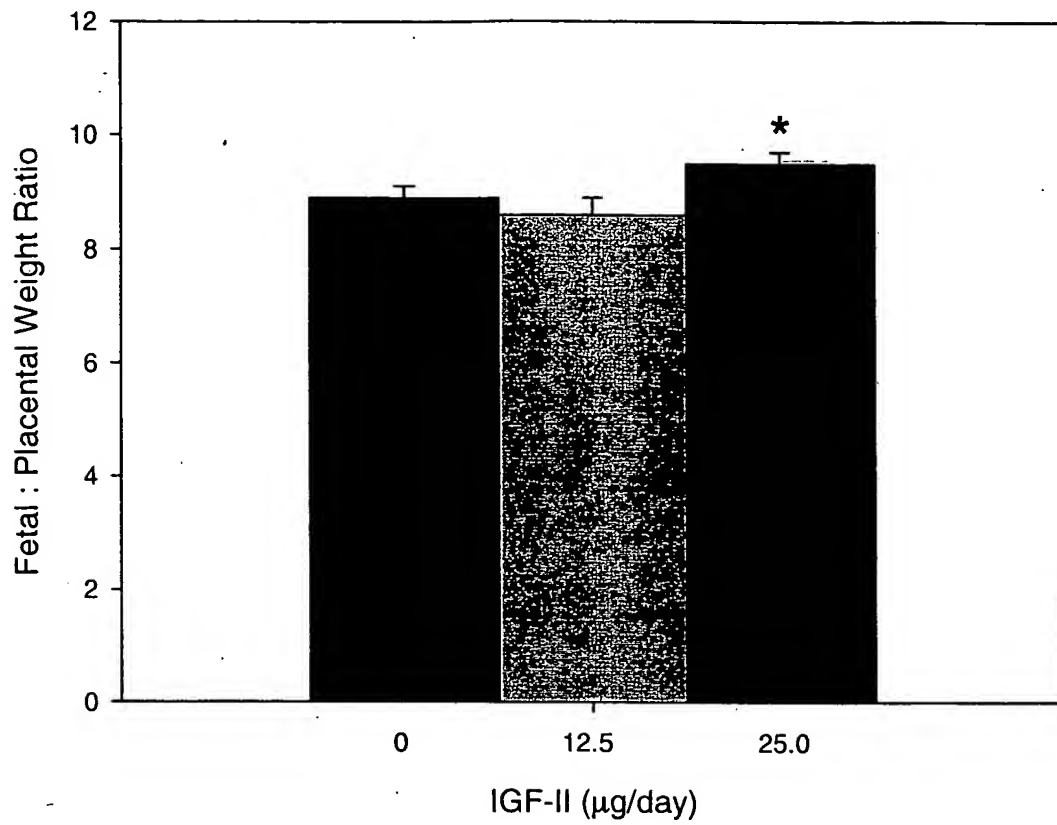


Figure 13



*Denotes significantly different from control (p=0.026).